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JC17 Rec'd PCT/PTO 118 MAY 2001  
Attorney Docket No. Le A 32 701

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Seq  
PCT

Re application of: Burchardt, et al.

Application Serial No.: 09/701,313

Filed: 11/28/2000

Title: Monoclonal Antibody and Assay for Detecting PIINP

CERTIFICATION OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that this correspondence and any papers referred to as attached are being deposited, on the date shown below, with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to Box Sequence, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: May 16, 2001

Beatriz Alviz

Box Sequence  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**SUBMISSION OF SEQUENCE LISTING, COMPUTER READABLE COPY  
FOR BIOTECHNOLOGY INVENTION CONTAINING NUCLEOTIDE  
AND/OR AMINO ACID SEQUENCE**

Sir:

This replies to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed on 30 April 2001. A copy of the Notice is enclosed.

Submitted herewith is a:

1. Sequence Listing for the nucleotide and/or amino acid sequence(s) in this application. Each Sequence Listing is assigned a separate identifier as required in 37 C.F.R. §1.821(c) and 37 C.F.R. §§1.822 and 1.823.
2. A copy of each Sequence Listing submitted for this application in computer readable form, in accordance with the requirements of 37 C.F.R. §§1.821(e) and 1.824.
3. The computer readable form and paper copy submitted herewith are the same, and introduce no new matter over what is disclosed in the application (37 C.F.R. 1.821(g)).

Respectfully submitted,

Reg. No.: 41,670

Tel. No.: (203) 812-3964

Date: May 16, 2001

Jerrie L. Chiu  
Attorney for Applicant  
Bayer Corporation  
400 Morgan Lane  
West Haven, CT 06516



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/701313	BURCHARDT	E LEA 32701
INTERNATIONAL APPLICATION NO.		
PCT/EP99/03392		
I.A. FILING DATE		PRIORITY DATE
17 MAY 99		28 MAY 98

JEFFREY M GREENMAN  
VICE PRESIDENT PATENTS AND LICENSING  
BAYER CORPORATION  
400 MORGAN LANE  
WEST HAVEN, CT 06516

DATE MAILED: 30 APR 2001

**NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES**

Applicant has submitted papers under 35 U.S.C. 371 to enter the national stage in the United States of America. The items indicated below, however, are missing. The period within which to correct the deficiency noted below and avoid abandonment is set forth in the accompanying Notification.

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- ☒ The application fails to comply with the requirements of 37 CFR 1.821-1.825.
- ☐ This application does not contain, a "Sequence Listing" as a separate part of the disclosure on paper copy or compact disc, as required by 37 CFR 1.821(c).
- ☒ A copy of the "Sequence Listing" in computer readable format has not been submitted as required by 37 CFR 1.821(e).
- ☐ A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☐ The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ The paper copy or compact disc of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ Other: \_\_\_\_\_

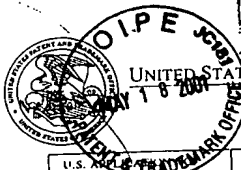
**APPLICANT MUST PROVIDE:**

- ☒ An initial or substitute computer readable form (CRF) of the "Sequence Listing."
- ☐ An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☒ A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE  
CALL:

(703) 308-4216, for Rules interpretation,  
(703) 308-4212, for CRF submission help,  
(703) 287-0200, for PatentIn software help.

Shakeel Ahmed  
Telephone: 703-305-3659



<b>DOCKETED</b> 6/30/2001 RESPONSE DATE <b>MEMO File missing Requirements</b> JEFFREY M. GREENMAN FIRST NAMED APPLICANT <b>Extendible 7/30/2001, 8/30/2001, 9/30/2001 &amp; 10/30/2001</b>
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**RECEIVED**  
MAY 03 2001

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United States Patent and Trademark Office  
Washington, D.C. 20231  
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JEFFREY M. GREENMAN  
VICE PRESIDENT PATENTS AND LICENSING  
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400 MORGAN LANE  
WEST HAVEN, CT 06516

ATTY. DOCKET NO.	LEA 32701
INTERNATIONAL APPLICATION NO.	PCT/EP99/03392
I.A. FILING DATE	17 MAY 99
PRIORITY DATE	28 MAY 98

DATE MAILED: **30 APR 2001**

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):
- |  |   |
|--|---|
| <input checked="" type="checkbox"/> U.S. Basic National Fee.   | <input type="checkbox"/> Indication of Small Entity Status.                         |
| <input checked="" type="checkbox"/> Copy of the international application.   | <input type="checkbox"/> Translation of the international application into English. |
| <input checked="" type="checkbox"/> Oath or Declaration of inventors(s).   | <input type="checkbox"/> Translation of Article 19 amendments into English.         |
| <input type="checkbox"/> Copy of Article 19 amendments.  | <input type="checkbox"/> Other:   |
| <input checked="" type="checkbox"/> Priority Document.   |   |
| <input checked="" type="checkbox"/> The International Preliminary Examination Report in English and its Annexes, if any. |   |
| <input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report into English.        |   |
2. ☒ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.
- |   |   |
|---|---|
| <input type="checkbox"/> U.S. Basic National Fee. | <input type="checkbox"/> Copy of the international application. |
|---|---|
3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
  - ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
  - ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
  - ☐ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
  - ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
  - ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
4. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.
5. ☒ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice MUST be returned with this response.**

Enclosed: ☐ PCT/DO/EO/917  
☐ PTO-875

☐ Notice of Defective Translation  
☒ PCT/DO/EO/920

Shakeel Ahmed

FORM PCT/DO/EO/905 (March 2001)

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